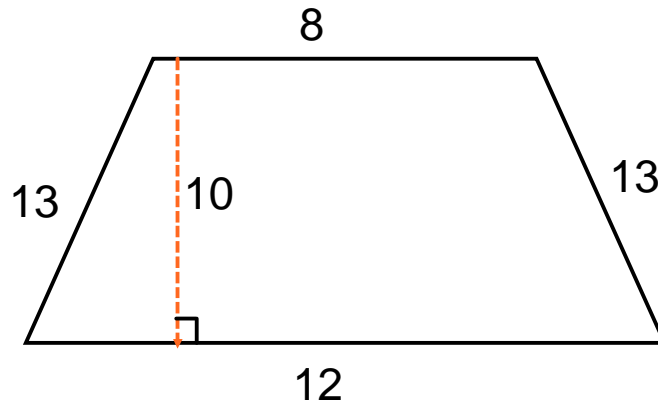


WARM-UP:

1) Take out last night's HW!

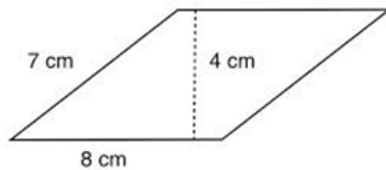
2) Complete this problem on scratch paper!

Find the area and perimeter:



Jan 20-6:27 PM

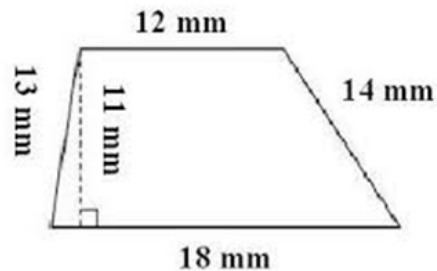
1.



Perimeter:

Area:

2.

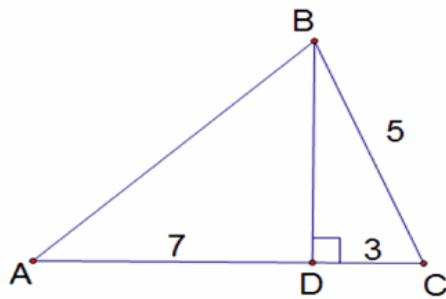


Perimeter:

Area:

Apr 1-3:52 PM

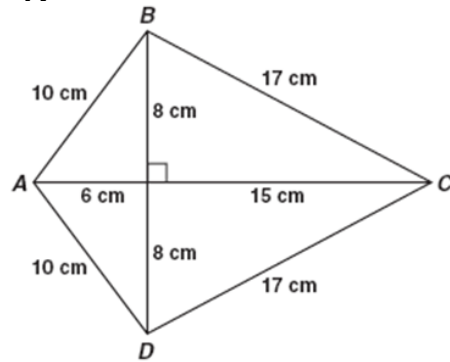
3.



Perimeter:

Area:

4.

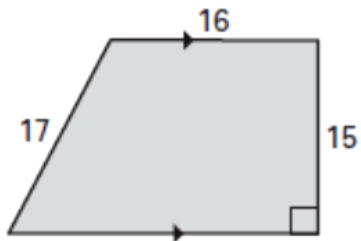


Perimeter:

Area:

Apr 1-3:54 PM

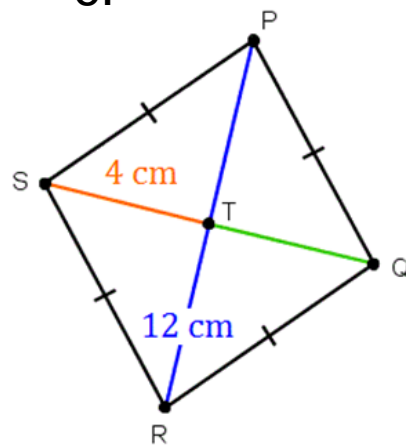
5.



Perimeter:

Area:

6.



Perimeter:

Area:

Apr 1-3:56 PM

7. A trapezoid has an area of 820 cm^2 . The bases have lengths of 20 cm & 35 cm. Find the height of the trapezoid.
8. The area of a rectangle is 268 ft^2 . The base is 22 ft. Find the height.
9. A trapezoid has a height of 12 ft and its median has a length of 8 ft. Find the area.
10. Find the area of a kite with diagonals of 18m and 12 m.

Apr 1-3:58 PM

11. Find the area of an equilateral triangle with sides of 14 feet.
12. The area of a rhombus is 84 in^2 . If one diagonal has a length of 11 in, find the other diagonal.
13. The area of a parallelogram is 192 cm^2 . If the base is 12.3 cm, find the height
14. A right triangle has a hypotenuse of 30 m and a leg of 22 m. Find the other leg, and then find the area of the triangle

Apr 1-3:59 PM

Area Formulas

Perimeter: The total distance around an object.

Area: The total number of square units inside an object.

$$A_{\text{Square}} = s^2 \text{ or } b \cdot h$$

$$A_{\text{Triangle}} = \frac{1}{2} \cdot b \cdot h$$

$$A_{\text{Parallelogram}} = b \cdot h$$

$$A_{\text{Equilateral Triangle}} = \frac{s^2 \sqrt{3}}{4}$$

$$A_{\text{Rectangle}} = b \cdot h$$

$$A_{\text{Kite}} = \frac{1}{2} \cdot d_1 \cdot d_2$$

$$A_{\text{Trapezoid}} = \frac{1}{2} \cdot h \cdot (b_1 + b_2)$$

$$A_{\text{Rhombus}} = \frac{1}{2} \cdot d_1 \cdot d_2 \text{ or } b \cdot h$$

Sep 23-12:12 AM